

# SEQUENCE LISTING

<110> YAN, Chunhua et al.

<120> ISOLATED HUMAN SECRETED PROTEINS,  
NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND  
USES THEREOF

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<212> DNA

<213> Homo sapiens

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Cys	Lys	His	Gly	Glu	Cys	Val	Gly	Pro	Asn	Lys	Cys	Lys	Cys	His	Pro
		85					90						95		
Gly	Phe	Ala	Gly	Lys	Thr	Cys	Asn	Gln	Asp	Glu	Ser	Phe	His	Pro	Thr
		100					105						110		
Pro	Leu	Asp	Gln	Gly	Ser	Glu	Gln	Pro	Leu	Phe	Gln	Pro	Pro	Asp	His

115  
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Gln	Ala	Thr	Asn	Val	Pro	Ser	Arg	Asp	Leu	Asn	Glu	Cys	Gly	Leu	Lys
130						135					140				
Pro	Arg	Pro	Cys	Lys	His	Arg	Cys	Met	Asn	Thr	Phe	Gly	Ser	Tyr	Lys
145					150					155					160
Cys	Tyr	Cys	Leu	Asn	Gly	Tyr	Met	Leu	Leu	Pro	Asp	Gly	Ser	Cys	Ser
				165					170						175
Ser	Ala	Leu	Ser	Cys	Ser	Met	Ala	Asn	Cys	Gln	Tyr	Gly	Cys	Asp	Val
				180				185							190
Val	Lys	Gly	Gln	Val	Arg	Cys	Gln	Cys	Pro	Ser	Pro	Gly	Leu	Gln	Leu
				195			200					205			
Ala	Pro	Asp	Gly	Arg	Thr	Cys	Val	Asp	Ile	Asp	Glu	Cys	Ala	Thr	Gly
						215					220				
Arg	Val	Ser	Cys	Pro	Arg	Phe	Arg	Gln	Cys	Val	Asn	Thr	Phe	Gly	Ser
225					230						235				240
Tyr	Ile	Cys	Lys	Cys	His	Thr	Gly	Phe	Asp	Leu	Met	Tyr	Ile	Gly	Gly
				245					250						255
Lys	Tyr	Gln	Cys	His	Asp	Ile	Asp	Glu	Cys	Ser	Leu	Gly	Gln	His	Gln
			260					265							270
Cys	Ser	Ser	Tyr	Ala	Arg	Cys	Tyr	Asn	Ile	His	Gly	Ser	Tyr	Lys	Cys
			275				280								285
Gln	Cys	Arg	Asp	Gly	Tyr	Glu	Gly	Asp	Gly	Leu	Asn	Cys	Val	Tyr	Ile
290						295					300				
Pro	Lys	Val	Met	Ile	Glu	Pro	Ser	Gly	Pro	Ile	His	Met	Pro	Glu	Arg
305					310					315					320
Asn	Gly	Thr	Ile	Ser	Lys	Gly	Asp	Gly	Gly	His	Ala	Asn	Arg	Ile	Pro
				325					330						335
Asp	Ala	Gly	Ser	Thr	Arg	Trp	Pro	Leu	Lys	Thr	Pro	Tyr	Ile	Pro	Pro
				340				345							350
Val	Ile	Thr	Asn	Arg	Pro	Thr	Ser	Lys	Pro	Thr	Thr	Arg	Pro	Thr	Pro
			355				360								365
Asn	Pro	Thr	Pro	Gln	Pro	Thr	Pro	Pro	Pro	Pro	Pro	Pro	Leu	Pro	Thr
			370			375						380			
Glu	Pro	Arg	Thr	Thr	Pro	Leu	Pro	Pro	Thr	Pro	Glu	Arg	Pro	Ser	Thr
385					390					395					400
Arg	Pro	Thr	Thr	Ile	Ala	Pro	Ala	Thr	Ser	Thr	Thr	Thr	Arg	Val	Ile
				405					410						415
Thr	Val	Asp	Asn	Arg	Ile	Gln	Thr	Asp	Pro	Gln	Lys	Pro	Arg	Gly	Asp
			420					425							430
Val	Phe	Ile	Pro	Arg	Gln	Pro	Thr	Asn	Asp	Leu	Phe	Glu	Ile	Phe	Glu
			435				440								445
Ile	Glu	Arg	Gly	Val	Ser	Ala	Asp	Glu	Glu	Val	Lys	Asp	Asp	Pro	Gly
						455					460				
Ile	Leu	Ile	His	Ser	Cys	Asn	Phe	Asp	His	Gly	Leu	Cys	Gly	Trp	Ile
465					470					475					480
Arg	Glu	Lys	Asp	Ser	Asp	Leu	His	Trp	Glu	Thr	Ala	Arg	Asp	Pro	Ala
				485					490						495
Gly	Gly	Gln	Tyr	Leu	Thr	Val	Ser	Ala	Ala	Lys	Ala	Pro	Gly	Gly	Lys
				500				505							510
Ala	Ala	Arg	Leu	Val	Leu	Arg	Leu	Gly	His	Leu	Met	His	Ser	Gly	Asp
				515			520								525
Leu	Cys	Leu	Ser	Phe	Arg	His	Lys	Val	Thr	Gly	Leu	His	Ser	Gly	Thr
				530		535					540				
Leu	Gln	Val	Phe	Val	Arg	Lys	His	Gly	Thr	His	Gly	Ala	Ala	Leu	Trp
545					550					555					560

Gly Arg Asn Gly Gly His Gly Trp Arg Gln Thr Gln Ile Thr Leu Arg  
565 570 575  
Gly Ala Asp Val Lys Ser Val Ile Phe Lys Gly Glu Lys Arg Arg Gly  
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His Thr Gly Glu Ile Gly Leu Asp Asp Val Ser Leu Lys Arg Gly Arg  
595 600 605  
Cys

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<212> PRT  
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Ile Gly Leu Cys Arg Tyr Gly Gly Arg Ile Asp Cys Cys Trp Gly Trp  
35 40 45  
Ala Arg Gln Ser Trp Gly Gln Cys Gln Pro Val Cys Gln Pro Gln Cys  
50 55 60  
Lys His Gly Glu Cys Val Gly Pro Asn Lys Cys Lys Cys His Pro Gly  
65 70 75 80  
Phe Ala Gly Lys Thr Cys Asn Gln Asp Glu Ser Phe His Pro Thr Pro  
85 90 95  
Leu Asp Gln Gly Ser Glu Gln Pro Leu Phe Gln Pro Pro Asp His Gln  
100 105 110  
Ala Thr Asn Val Pro Ser Arg Asp Leu Asn Glu Cys Gly Leu Lys Pro  
115 120 125  
Arg Pro Cys Lys His Arg Cys Met Asn Thr Phe Gly Ser Tyr Lys Cys  
130 135 140  
Tyr Cys Leu Asn Gly Tyr Met Leu Leu Pro Asp Gly Ser Cys Ser Ser  
145 150 155 160  
Ala Leu Ser Cys Ser Met Ala Asn Cys Gln Tyr Gly Cys Asp Val Val  
165 170 175  
Lys Gly Gln Val Arg Cys Gln Cys Pro Ser Pro Gly Leu Gln Leu Ala  
180 185 190  
Pro Asp Gly Arg Thr Cys Val Asp Ile Asp Glu Cys Ala Thr Gly Arg  
195 200 205  
Val Ser Cys Pro Arg Phe Arg Gln Cys Val Asn Thr Phe Gly Ser Tyr  
210 215 220  
Ile Cys Lys Cys His Thr Gly Phe Asp Leu Met Tyr Ile Gly Gly Lys  
225 230 235 240  
Tyr Gln Cys His Asp Ile Asp Glu Cys Ser Leu Gly Gln His Gln Cys  
245 250 255  
Ser Ser Tyr Ala Arg Cys Tyr Asn Ile His Gly Ser Tyr Lys Cys Gln  
260 265 270  
Cys Arg Asp Gly Tyr Glu Gly Asp Gly Leu Asn Cys Val Tyr Ile Pro  
275 280 285  
Lys Val Met Ile Glu Pro Ser Gly Pro Ile His Met Pro Glu Arg Asn  
290 295 300  
Gly Thr Ile Ser Lys Gly Asp Gly Gly His Ala Asn Arg Ile Pro Asp

305					310					315				320
Ala	Gly	Ser	Thr	Arg	Trp	Pro	Leu	Lys	Thr	Pro	Tyr	Ile	Pro	Pro Val
				325					330					335
Ile	Thr	Asn	Arg	Pro	Thr	Ser	Lys	Pro	Thr	Thr	Arg	Pro	Thr	Pro Asn
			340					345					350	
Pro	Thr	Pro	Gln	Pro	Thr	Pro	Pro	Pro	Pro	Pro	Pro	Leu	Pro	Thr Glu
		355					360					365		
Pro	Arg	Thr	Thr	Pro	Leu	Pro	Pro	Thr	Pro	Glu	Arg	Pro	Ser	Thr Arg
	370					375				380				
Pro	Thr	Thr	Ile	Ala	Pro	Ala	Thr	Ser	Thr	Thr	Thr	Arg	Val	Ile Thr
385					390					395				400
Val	Asp	Asn	Arg	Ile	Gln	Thr	Asp	Pro	Gln	Lys	Pro	Arg	Gly	Asp Val
			405					410					415	
Phe	Ile	Pro	Arg	Gln	Pro	Thr	Asn	Asp	Leu	Phe	Glu	Ile	Phe	Glu Ile
		420					425					430		
Glu	Arg	Gly	Val	Ser	Ala	Asp	Glu	Glu	Val	Lys	Asp	Asp	Pro	Gly Ile
	435					440					445			
Leu	Ile	His	Ser	Cys	Asn	Phe	Asp	His	Gly	Leu	Cys	Gly	Trp	Ile Arg
	450				455					460				
Glu	Lys	Asp	Ser	Asp	Leu	His	Trp	Glu	Thr	Ala	Arg	Asp	Pro	Ala Gly
465					470					475				480
Gly	Gln	Tyr	Leu	Thr	Val	Ser	Ala	Ala	Lys	Ala	Pro	Gly	Gly	Lys Ala
			485						490				495	
Ala	Arg	Leu	Val	Leu	Arg	Leu	Gly	His	Leu	Met	His	Ser	Gly	Asp Leu
		500					505					510		
Cys	Leu	Ser	Phe	Arg	His	Lys	Val	Thr	Gly	Leu	His	Ser	Gly	Thr Leu
	515					520					525			
Gln	Val	Phe	Val	Arg	Lys	His	Gly	Thr	His	Gly	Ala	Ala	Leu	Trp Gly
	530				535					540				
Arg	Asn	Gly	Gly	His	Gly	Trp	Arg	Gln	Thr	Gln	Ile	Thr	Leu	Arg Gly
545					550				555					560
Ala	Asp	Val	Lys	Ser	Val	Ile	Phe	Lys	Gly	Glu	Lys	Arg	Arg	Gly His
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Thr	Gly	Glu	Ile	Gly	Leu	Asp	Asp	Val	Ser	Leu	Lys	Arg	Gly	Arg Cys
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 <212> PRT  
 <213> Mus musculus

<400> 6  
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 Ile Gly Leu Cys Arg Tyr Gly Gly Arg Ile Asp Cys Cys Trp Gly Trp  
 35 40 45  
 Ala Arg Gln Ser Trp Gly Gln Cys Gln Pro Phe Tyr Val Leu Arg Gln  
 50 55 60  
 Arg Leu Ala Arg Ile Arg Cys Gln Leu Lys Ala Val Cys Gln Pro Gln  
 65 70 75 80  
 Cys Lys His Gly Glu Cys Val Gly Pro Asn Lys Cys Lys Cys His Pro  
 85 90 95

Gly	Phe	Ala	Gly	Lys	Thr	Cys	Asn	Gln	Asp	Leu	Asn	Glu	Cys	Gly	Leu
			100					105					110		
Lys	Pro	Arg	Pro	Cys	Lys	His	Arg	Cys	Met	Asn	Thr	Phe	Gly	Ser	Tyr
		115					120					125			
Lys	Cys	Tyr	Cys	Leu	Asn	Gly	Tyr	Met	Leu	Leu	Pro	Asp	Gly	Ser	Cys
	130					135					140				
Ser	Ser	Ala	Leu	Ser	Cys	Ser	Met	Ala	Asn	Cys	Gln	Tyr	Gly	Cys	Asp
145					150					155					160
Val	Val	Lys	Gly	Gln	Val	Arg	Cys	Gln	Cys	Pro	Ser	Pro	Gly	Leu	Gln
			165						170					175	
Leu	Ala	Pro	Asp	Gly	Arg	Thr	Cys	Val	Asp	Ile	Asp	Glu	Cys	Ala	Thr
			180					185					190		
Gly	Arg	Val	Ser	Cys	Pro	Arg	Phe	Arg	Gln	Cys	Val	Asn	Thr	Phe	Gly
	195						200					205			
Ser	Tyr	Ile	Cys	Lys	Cys	His	Thr	Gly	Phe	Asp	Leu	Met	Tyr	Ile	Gly
	210					215					220				
Gly	Lys	Tyr	Gln	Cys	His	Asp	Ile	Asp	Glu	Cys	Ser	Leu	Gly	Gln	His
225					230				235						240
Gln	Cys	Ser	Ser	Tyr	Ala	Arg	Cys	Tyr	Asn	Ile	His	Gly	Ser	Tyr	Lys
				245					250					255	
Cys	Gln	Cys	Arg	Asp	Gly	Tyr	Glu	Gly	Asp	Gly	Leu	Asn	Cys	Val	Tyr
			260					265					270		
Ile	Pro	Lys	Val	Met	Ile	Glu	Pro	Ser	Gly	Pro	Ile	His	Met	Pro	Glu
		275					280					285			
Arg	Asn	Gly	Thr	Ile	Ser	Lys	Gly	Asp	Gly	Gly	His	Ala	Asn	Arg	Ile
	290					295					300				
Pro	Asp	Ala	Gly	Ser	Thr	Arg	Trp	Pro	Leu	Lys	Thr	Pro	Tyr	Ile	Pro
305					310					315					320
Pro	Val	Ile	Thr	Asn	Arg	Pro	Thr	Ser	Lys	Pro	Thr	Thr	Arg	Pro	Thr
				325					330					335	
Pro	Asn	Pro	Thr	Pro	Gln	Pro	Thr	Pro	Pro	Pro	Pro	Pro	Pro	Leu	Pro
			340					345					350		
Thr	Glu	Pro	Arg	Thr	Thr	Pro	Leu	Pro	Pro	Thr	Pro	Glu	Arg	Pro	Ser
		355					360					365			
Thr	Arg	Pro	Thr	Thr	Ile	Ala	Pro	Ala	Thr	Ser	Thr	Thr	Thr	Arg	Val
	370					375					380				
Ile	Thr	Val	Asp	Asn	Arg	Ile	Gln	Thr	Asp	Pro	Gln	Lys	Pro	Arg	Gly
385					390				395						400
Asp	Val	Phe	Ile	Pro	Arg	Gln	Pro	Thr	Asn	Asp	Leu	Phe	Glu	Ile	Phe
			405						410					415	
Glu	Ile	Glu	Arg	Gly	Val	Ser	Ala	Asp	Glu	Glu	Val	Lys	Asp	Asp	Pro
			420					425					430		
Gly	Ile	Leu	Ile	His	Ser	Cys	Asn	Phe	Asp	His	Gly	Leu	Cys	Gly	Trp
		435					440					445			
Ile	Arg	Glu	Lys	Asp	Ser	Asp	Leu	His	Trp	Glu	Thr	Ala	Arg	Asp	Pro
	450					455					460				
Ala	Gly	Gly	Gln	Tyr	Leu	Thr	Val	Ser	Ala	Ala	Lys	Ala	Pro	Gly	Gly
465					470					475					480
Lys	Ala	Ala	Arg	Leu	Val	Leu	Arg	Leu	Gly	His	Leu	Met	His	Ser	Gly
				485					490					495	
Asp	Leu	Cys	Leu	Ser	Phe	Arg	His	Lys	Val	Thr	Gly	Leu	His	Ser	Gly
			500					505					510		
Thr	Leu	Gln	Val	Phe	Val	Arg	Lys	His	Gly	Thr	His	Gly	Ala	Ala	Leu
		515					520						525		

Trp	Gly	Arg	Asn	Gly	Gly	His	Gly	Trp	Arg	Gln	Thr	Gln	Ile	Thr	Leu
	530					535					540				
Arg	Gly	Ala	Asp	Val	Lys	Ser	Val	Ile	Phe	Lys	Gly	Glu	Lys	Arg	Arg
545					550					555					560
Gly	His	Thr	Gly	Glu	Ile	Gly	Leu	Asp	Asp	Val	Ser	Leu	Lys	Arg	Gly
			565					570						575	
Arg	Cys														

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